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Electrolytic Deposition of Lead from P_2O_5

Solution: A. F. LINN.

Lead can be deposited electrolytically in a form suitable for weighing from a solution containing free phosphoric acid.

Latest Types of Formaldehyde Regenerators (with demonstration): WM. DREYFUS.

An exhibition of the various types of apparatus with a discussion of their relative merits.

Some Pyridin Derivatives: J. ARTHUR HAYES.*Report of Committee on Atomic Weights:*

F. W. CLARKE, Chairman.

Attention was called to the atomic weight determinations which have been made during 1901.

Sixteen other papers on the program were omitted from lack of time for presentation; most of these will be later published.

J. L. H.

THE ASSOCIATION OF AMERICAN ANATOMISTS.

THE fifteenth session of the Association, meeting with the American Society of Naturalists and affiliated societies, was held at Chicago, Ill., December 31, 1901, to January 2, 1902. The Association met in the Hull Laboratory of Anatomy, Chicago University.

The following extracts are made from the report of the secretary for 1900-01:

There are copies of the printed proceedings on hand from the 6th to the 14th volumes, inclusive, which are available to those who request them, and are especially so for presentation to libraries. A republication of the first five proceedings under one cover is being made.

At the last report there were 125 mem-

bers, 116 of whom were active and nine honorary. During the year twelve active members were elected, two died, one resigned, and three have been dropped for non-payment of dues. The present number is 131 total members, 122 active, 9 honorary.

Dr. Frederick John Brockway, assistant demonstrator of anatomy, Columbia University, New York, died April 21, and Dr. Geo. Wm. West, late professor of anatomy and physiology, medical department, National University, Washington, D. C., died July 24.

The following new members were elected:

Dr. R. R. Bensley, Asst. Prof. Anat., University of Chicago.

Dr. John L. Bremer, Harvard University.

Benson A. Cohoe, A.B., M.D., Asst. in Anat., Cornell University.

Henry H. Donaldson, Prof. Neurology, University of Chicago.

Dr. W. T. Eckley, Prof. Anatomy, College Physicians and Surgeons, Chicago, and Dr. Corinne B. Eckley, Demonstrator of Anatomy, same college.

Albert C. Eycleshymer, Instructor in Anat., University of Chicago.

Irving Hardesty, Ph.D., Instructor in Anat., University of California.

J. Ralph Harris, M.D., Asst. in Anat., Cornell University.

Basil C. Harvey, Asst. in Anat., University of Chicago.

Dr. Arthur E. Hertzler, Halstead, Kansas.

Dr. C. M. Jackson, Prof. Anat., University of Missouri.

Dean D. Lewis, Asst. in Anat., Univ. Chicago.

Dr. Warren H. Lewis, Instructor in Anat., Johns Hopkins.

Andrew H. Montgomery, A.B., M.B., Associate in Anat., Cornell.

Charles Aubery Parker, Instructor in Anat., Rush Med. College.

Daniel G. Revell, Associate in Anat., University of Chicago.

Dr. Fredrick C. Waite, Prof. Histology, Western Reserve University.

Dr. J. Clarence Webster, Prof. Obstetrics, Rush Med. College.

Dr. F. A. Woods, Harvard University.

The following were reelected:

Dr. T. S. Lee, University of Minnesota.

Dr. S. W. Williston, Prof. Vertebrate Anatomy and Paleontology, Kansas University, Lawrence, Kansas.

The total new members was 22, making a total membership of 153, of whom 9 are honorary.

The following recommendations of the executive committee were adopted by the Association:

1. That Section V. of the constitution be amended to read that the management of the affairs of the Association shall be delegated to an executive committee consisting of seven members, including the president and secretary, *ex officio*.

2. That three new members of the executive committee be elected at this meeting, one for three years, one for four years, and one for five years.

3. That the Association accept the offer of the editorial committee of the *American Journal of Anatomy* to furnish each member of the Association with the *Journal* at \$4.50 per year; the *Journal* to publish the proceedings of the meetings of the Association, including an abstract of the papers read.

4. That the committee on circular on anatomical peculiarities of the negro be discharged.

5. That after this meeting the maximum limit of time of reading a paper shall be twenty minutes, and two papers shall not be read consecutively by the same writer.

The following officers were elected: President, Dr. Huntington, New York; First Vice-President, Dr. Lamb, Washington; Second Vice-President, Dr. Piersol, Philadelphia; Secretary and Treasurer, Dr. Huber, Ann Arbor; Executive Committee, Dr. Hamann (three years), Cleveland, Ohio; Dr. Barker (four years), Chicago; Dr. Gerrish (five years), Portland, Me.

The following was adopted, on motion of

Dr. Gerrish: "The thanks of the Association are hereby given to the retiring secretary and treasurer, Dr. Lamb (who has positively declined a reelection), for his long, faithful and eminently satisfactory service." Dr. Lamb has been secretary-treasurer since 1890.

The following papers were read:

1. 'Models illustrating the Development of the Arm in Man': DR. W. H. LEWIS, Baltimore. Discussed by Drs. McMurrich, Huntington, Terry, Chas. Hill and Harrison.

2. 'A One Year Anatomical Course; its Arrangement, Merits and Disadvantages': DR. TERRY, St. Louis. Discussed by Drs. Barker and Huntington.

3. 'Factors and Stages in the Evolution of the Stomach': DR. BENSLEY, Chicago. Discussed by Dr. Huntington.

4. 'Sections of the Decalcified Body,' illustrated by specimens: DR. TERRY. Discussed by Drs. Jackson, Huber and Huntington.

5. 'A Case of Breech Presentation in a Monkey,' with specimen: DR. TERRY.

6. 'Note on the Structure of the Motor Endings in Striated Muscles': DR. HUBER, Univ. Mich. Discussed by Drs. Huntington and Bensley.

7. 'Neuro-muscular Spindles in the Intercostal Muscles': DR. HUBER. Discussed by Drs. Ingbert and Terry.

8. 'A Note on the Supracondylar Process,' illustrated by specimens: DR. TERRY. Discussed by Drs. Bensley and Huntington.

9. 'The Development of the Pulmonary Artery': DR. J. L. BREMER, Boston. Discussed by Drs. Huber and Huntington.

10. 'Skeleton with Rudimentary Clavicles, Divided Parietal Bones and other Anomalous Conditions': DR. TERRY. Discussed by Drs. Huntington, W. H. Lewis and Barker.

11. 'Skull Showing Many Wormian Bones': DR. PARKER, Chicago. Discussed by Drs. Huntington and Terry.

12. 'The Neuroglia of the Optic Nerve and Retina of Certain Vertebrates': DR. HUBER. Discussed by Drs. Minot and Barker.

13. 'Present Problems of Myological Research and the Significance and Classification of Muscular Variations': DR. HUNTINGTON, New York City. Discussed by Drs. McMurrich and Huber.

14. 'The Phylogeny of the Long Flexor Muscles': DR. McMURRICH, Ann Arbor. Discussed by Dr. Huntington.

15 'Note on the Occurrence and Significance of the Musculus Tibio-astragalus': DR. McMURRICH. Discussed by Dr. Huntington.

16. 'Nuclear Changes in the Muscle Cell': DR. EYCLESHYMER, Chicago. Discussed by Dr. Barker.

17. 'The Plesiosaurian Skull': DR. WILLISTON, Lawrence, Kansas. Discussed by Dr. Huntington.

18. 'The Shape of the Pyloric Glands of the Cat': DR. DEWITT. Presented by Dr. Huber, Ann Arbor.

19. 'An Illustration of the Value of the Functional System of Neurones as a Morphological Unit in the Nervous System': DR. HERRICK, Denison University, Ohio.

20. Dr. Terry showed his specimen of *Situs inversus*.

21. 'The Sphincter superior': DR. R. C. BOURLAND, University of Michigan. Read by Dr. McMURRICH. Discussed by Dr. Huntington.

22. 'Development and Variation in Distribution of the Thoraco-abdominal Nerves': DR. BARDEEN, Baltimore. Discussed by Dr. Huntington.

23. 'The Ducts of the Pancreas': DR. D. G. REVELL, Chicago. Discussed by Dr. Huntington.

24. 'Variations in the Distribution of the Bile Ducts of the Liver of the Cat': DR. HORACE JOHNSON, Madison, Wis. Discussed by Dr. Huntington.

25. 'Contribution to the Morphology of the Cerebellum': DR. STROUD, Cornell University. Read by the Secretary.

26. 'Histogenesis of the Sensory Nerves of Amphibia': DR. HARRISON, Baltimore. Discussed by Drs. Huber and Herrick.

27. 'The Growth of the Mammalian Spinal Ganglion': DR. DONALDSON, Chicago. Discussed by Drs. Huber and Huntington.

28. 'The Frontal Fissures in the Brains of Two Natives of British New Guinea': DR. HUNTINGTON.

The following papers were read by title:

1. 'On the Development of Connective Tissue Fibrils': DR. MALL, Baltimore.

2. 'Unusual Forms of Placentation': DR. WEBSTER.

3. 'Contribution to the Anatomy of the Scapula': DR. HRDLICKA, New York City.

4. 'Certain Racial Characteristics of the Base of the Skull': DR. HRDLICKA.

5. 'On Certain Anomalies of Bones': DR. DORSEY, Chicago.

6. 'Some Anomalies of Blood-vessels': DR. BLAIR, St. Louis.

7. 'Two Specimens of Anomalous Viscera with Left-sided Appendix': DR. HOLMES, Philadelphia.

8. 'Models of Human Pharynx of First Six Weeks' Development': DR. SUDLER, Baltimore.

9. 'The Ducts of the Submaxillary Glands': DR. FLINT, San Francisco.

10. 'Contribution to the Encephalic Anatomy of the Races': E. A. SPITZKA, New York City.

11. 'Description of the Brain of a Regentide': MR. SPITZKA.

A PLEA FOR GREATER SIMPLICITY IN THE LANGUAGE OF SCIENCE.*

SCIENTIFIC ideas are with difficulty soluble in human speech. Man, in his contemplation of the flux of phenomena at work all about him, is embarrassed by the want of a vehicle of thought adequate for expression, as a child whose stammering accents do not permit him to tell his mother the new ideas which suddenly crowd upon him when he meets with something alien to his experience.

Our knowledge of the mechanism of nature has been undergoing a process of growth, much of which has been sudden. It is not surprising, therefore, that the incompletely formed ideas of science should become translated into clumsy language and that inexact thinking should be evidenced by vagueness of expression. This inexactness is often veiled by the liberal use of sonorous Greek-Latin words.

The growth of knowledge has required an increase in the medium of intellectual exchange. New conceptions have called for new terms. Sir Courtenay Boyle has pointed out that the purity of a nation's coinage is properly safeguarded, while the verbal coinage of its national language is subject to no control. Specially qualified persons prepare the standards of gold and silver. This insures the absolute purity of the measures of commercial exchange and gives the English sovereign and the American gold piece, for example, an assured circulation along all the ave-

*A paper read before Section E of the American Association for the Advancement of Science, August 28, 1901.